ROSSDALES LABORATORIES

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Clinical Pathology & Microbiology Request Form

PRACTICE DETAILS
Name:
Address:
Veterinary Surgeon:
Tel:
Email:

ANIMAL / OWNER DETAILS
Animal:
Microchip no:
Owner:
Species:
Breed:
Age:
Sex: Colour:
Date Sample Collected:
URGENT ☐ (extra charges may apply)

LAB USE ONLY

Lab Ref Number:

Account Code:

Z

Date Received:

Samples Checked By:

SAMPLES SUBMITTED

Bloods	☐ EDTA	☐ EDTA Plasma	☐ Citrate	☐ Serum / Plain	☐ Fluoride (glucose)	☐ Heparin			
Fluids	☐ EDTA	☐ Plain	☐ Cytospin						
Other	☐ Faeces	☐ Urine	☐ Skin Scraping / Hair Pluck	☐ Slides	☐ Bloodgrow	☐ Charcoal Swab	☐ Plain Swab	☐ Agar Slope	

HISTORY / CLINICAL SIGNS

Previous sample submitted? ☐ Yes ☐ No Ref: .....

Has the animal been treated at Rossdales Equine Hospital previously? ☐ Yes ☐ No

Please tick box if samples CANNOT be used for anonymous surveillance / clinical research / teaching. ☐

EQUINE PROFILES

(c - citrate, e - EDTA, f - flouride / oxalate, h - heparin, s - serum, u - urine)

☐ General	esc	Haem, TP, Alb, Glob, Fibrinogen, SAA, AST, CK, GGT, SAP, Urea, Creatinine (bile acids if >40)
☐ Liver (recommended for follow up)	s ± e	AST, GLDH, SAP, GGT, Bile Acids, Bilirubin (total & direct), TP, Alb, Glob ☐ Plus Haematology
☐ Kidney	esc ± u	Haem, TP, Alb, Glob, Fibrinogen, SAA, Urea, Creatinine, Electrolytes ☐ Plus urine analysis ☐ Plus urine analysis and fractional electrolyte clearance
☐ Infection / Inflammatory	esc	Haem, TP, Alb, Glob, Fibrinogen, SAA
☐ Muscle	s	AST, CK
☐ Performance Horse	esc	Haem, AST, CK, Fibrinogen, SAA
☐ Newborn (2-3 day)	esc	Haem, TP, Alb, Glob, Creatinine, Fibrinogen, SAA, IgG

INDIVIDUAL TESTS

Serum sample unless indicated otherwise:

[1]Mare serum and foal EDTA [2]Ideally separated serum [3]Colostrum & foal EDTA [4]Plain tube, no rubber bung

☐ AST	☐ Cross Match[1]	☐ GLDH	☐ LD
☐ Bile Acids	☐ Electrolytes (full)[2]	☐ Glucose (f)	☐ Protein Electrophoresis
☐ Bilirubin (total and direct)	☐ Calcium	☐ GGT	☐ Proteins (TP, Alb, Glob)
☐ Cardiac Troponin	☐ Chloride	☐ Se - testing toxicity	☐ SAA
☐ CK	☐ Magnesium	☐ Haem (e)	☐ SAP
☐ Clotting (PT, APTT, Fibrinogen) (c)	☐ Phosphate	☐ Haemolytic Antibodies	☐ Triglycerides
☐ Coombs (e)	☐ Potassium	☐ IgG	☐ Urea
☐ Copper (h)	☐ Sodium	☐ Iron	☐ Vit E (h or s)
☐ Creatinine	☐ Fibrinogen (c)	☐ Jaundiced Foal[3]	☐ Zinc[4]

CYTOLOGY & URINALYSIS

(EDTA & cytospin samples for cytology; additional plain sample/swab/transport medium for culture/PCR) Ideally separated serum[3]

- ☐ Tracheal Wash (Endoscopic ☐ /Trans-tracheal aspirate ☐)
- ☐ BAL
- ☐ Pleural fluid
- ☐ Peritoneal fluid
- ☐ Synovial fluid
- ☐ CSF analysis (inc proteins/biochem)
- ☐ FNA (please specify site: .....)
- ☐ Urinalysis
- ☐ plus aerobic culture and sensitivity
- ☐ Urinary fractional electrolyte clearence (paired serum[3] and urine)
- ☐ Corneal cytology (air-dried slides)
- ☐ Other fluid (please specify site): .....

☐ Plus aerobic culture and sensitivity

If more than one sample is provided, please specify below:

_____

SEROLOGY/ VIROLOGY

(Serum sample unless stated)

Virus isolation[1] (respiratory samples, scabs, fresh tissue or 30ml heparin blood)

Paired Sample? 1st ☐ 2nd ☐

- ☐ Strangles (Strep.equi) ELISA
- ☐ EHV-1 & 4 CFT
- ☐ Rhinitis A & B (ERV) CFT
- ☐ Influenza/Adenovirus HI
- ☐ Respiratory Panel
- ☐ Tapeworm
- ☐ Redworm
- ☐ Lawsonia IPMA
- ☐ Rhodococcus equi (VapA) ELISA
- ☐ Piroplasmosis ELISA
- ☐ Liver Fluke
- ☐ Lyme Disease C6 ELISA
- ☐ Lyme Disease Multiplex
- ☐ EHV-3 VN
- ☐ EVA ELISA
- ☐ EVA VN
- ☐ EIA cELISA
- ☐ Coggins AGIDT (not for export)
- ☐ Virus Isolation[1]

ENDOCRINOLOGY

(Serum[0] sample unless stated)

ACTH (chilled & seperated EDTA plasma)[1]

Glucose[2] (Fluoride Oxalate sample)

- PPID: ☐ ACTH[1], Insulin ☐ TRH Stimulation[1]
- Insulin Dysregulation/EMS: ☐ Glucose[2], Triglycerides, Insulin
- Oral Sugar Test ☐ Karo Syrup 0.45ml/kg [2+0] ☐ Karo Syrup 0.15ml/kg [2+0]
- Laminitis Panel: ☐ Glucose[2], Triglycerides, Insulin, ACTH[1]
- Individual tests: ☐ Insulin ☐ Cortisol ☐ ACTH[1] ☐ T3 ☐ T4
- Pregnancy: ☐ ECG (45-95 days) ☐ Oestrone sulphate (>120 days) ☐ Cuboni (urine)
- Mare hormone: ☐ AMH ☐ Inhibin ☐ Progesterone ☐ Testosterone ☐ Oestrone Sulphate
  ☐ GCT panel: AMH, progesterone, oestrone sulphate, testosterone
- Stallion/gelding: ☐ Oestrone sulphate cryptochid test (>3 years; not donkeys) ☐ Testosterone
  ☐ AMH ☐ hCG stimulation (paired testosterone)

qPCR

Coronavirus[1] (Fresh sample, ideally supplied on ice)

Influenza[2] (plain swab)

SAMPLE TYPE & LOCATION (please specify): .....

- ☐ Strep. equi ☐ with Strep. zooepidemicus
- ☐ EHV-1 & -4
- ☐ Influenza[2]
- ☐ Respiratory pathogen screen
- ☐ Equine Rhinitis A/B
- ☐ EHV-2 & -5
- ☐ EHV-8
- ☐ Rhodococcus equi
- ☐ Salmonella spp
- ☐ Lawsonia intracellularis
- ☐ Coronavirus[1]
- ☐ C. difficile
- ☐ C. perfringens
- ☐ Rotavirus A & B
- ☐ Equine Papilloma Virus-2
- ☐ Leptospira spp.
- ☐ Cryptosporidium
- ☐ Dermatophyte
- ☐ EHV-3
- ☐ Equine Parapoxvirus
- ☐ EVA
- ☐ Hepacivirus/Parvovirus
- ☐ T. equigenitalis, Klebsiella pneumoniae & Pseudomonas aeruginosa (TKP)
- ☐ Klebsiella capsule typing

For additional culture requirements, see below.

GENERAL MICROBIOLOGY & DERMATOLOGY

SAMPLE TYPE & LOCATION (please specify): .....

- ☐ Aerobic culture & sensitivity
- ☐ Anaerobic culture & sensitivity
- ☐ Fungal culture
- ☐ Strep.equi culture only
- ☐ Aerobic/microaerophilic (CEM)
- ☐ MRSA ID/confirmation
- ☐ Salmonella & Campylobacter culture
- ☐ Salmonella culture only
  - ☐ 1st ☐ 2nd ☐ 3rd

Skin scraping / plucks:

- ☐ Ringworm & ectoparasite cytology
- ☐ plus bacterial culture
- ☐ plus Dermatophyte culture
- ☐ plus Dermatophyte PCR
- ☐ plus Dermatophilus examination

FAECAL ANALYSIS

For individual culture & PCR: please complete qPCR & Bacteriology sections above

Coronavirus[1] (Ideally supplied on ice)

Diarrhoea Panels:

- ☐ Adult: Salmonella culture, C.perfringens, C.difficile, WEC
- ☐ Older Foal: Salmonella culture, C.perfringens, C.difficile, L.intracellularis, WEC
- ☐ Younger Foal: Salmonella culture, C.perfringens, C.difficile Cryptosporidium, Rotavirus A & B PCR, WEC
- ☐ Above panel plus Coronavirus PCR[1]

- ☐ FWEC: Modified Ovassay method (screening test)
- ☐ FWEC: Moredun method (recommended for egg reduction testing)
  - ☐ 1st ☐ 2nd
- ☐ FWEC: McMasters method (recommended for RSPCA cases)
- ☐ Liver fluke
- ☐ Occult blood
- ☐ Cryptosporidium
- ☐ Lungworm larvae
- ☐ C.difficile & C.perfringens toxins ELISA

Separate submission forms for histology samples are available at www.rossdales.com/laboratories/submit-a-sample